

06-02-03

1724



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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application	09/617,749	
	Filing Date	July 17, 2000	
	First Named	Jerry McKinney	
	Group Art Unit	1724	
	Examiner Name	Chester T. Barry	
Total Number of Pages in This Submission	25	Attorney Docket Number	Clearstream-6

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ENCLOSURES (check all that apply)		
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<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
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<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition to Convert a Provisional Application	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence	<input type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	Acknowledgment Postcard
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<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application	Remarks	
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	Substitute Amendment in response to Office Actions mailed November 30, 2001 and May 1, 2003.	

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Browning Bushman P.C. C. James Bushman, Reg. No. 24,810
Signature	
Date	May 30, 2003

CERTIFICATE OF MAILING

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CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)

Applicant(s): Jerry McKinney

Docket No.

Clearstream-6

Serial No.

09/617,749

Filing Date

July 17, 2000

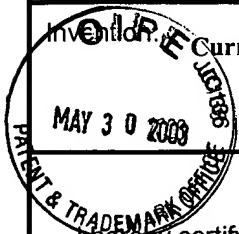
Examiner

Chester T. Barry

Group Art Unit

1724

Invention: Current and Aeration System for Wastewater Plant



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I hereby certify that the following correspondence:

Substitute Amendment and all related documents

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Jerry McKinney § Attorney Docket No.: Clearstream-6
Serial No.: 09/617,749 §
Filing Date: July 17, 2000 § Art Unit No.: 1724
For: *Current and Aeration System* §
for Wastewater Plant § Examiner: Chester T. Barry

TRANSMITTAL LETTER

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

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Sir:

Enclosed for filing in the captioned application is the Substitute Amendment. It is understood that no fee is due in connection with filing the Substitute Amendment; however, in the event a fee is found to be due, the Commissioner for Patents is authorized to debit Deposit Account No. 02-4345. This authorization is provided in duplicate.

Respectfully submitted,

C. James Bushman
Reg. No. 24,810

Date: May 30, 2003

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Fax: (713) 266-5169

CERTIFICATE OF MAILING

I, Sheri Cooper, hereby certify that this correspondence and all referenced enclosures are being deposited by me with the United States Postal Service as Express Mail No. EL 776781456 US in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on May 30, 2003.

By:



19/E

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Jerry McKinney

§

Attorney Docket No.: Clearstream-6

6-12-03

6-12-03

Serial No.: 09/617,749

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Filing Date: July 17, 2000

§

Art Unit No.: 1724

§

§

For: *Current and Aeration System
for Wastewater Plant*

§

Examiner: Chester T. Barry

SUBSTITUTE AMENDMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

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TC 1700

Sir:

In response to the Office Actions mailed November 30, 2001 and May 1, 2003, kindly amend
the above-identified application as follows:

IN THE SPECIFICATION

In column 5, please amend the paragraph beginning at line 12 as follows:

Clean Version of Amended Paragraph

The defined current or circulation pattern produced by this
embodiment, as shown in FIG. 1, is such that oxygenation gas forces
the fluid within the aeration chamber to move upwards in direction
100 from the diffuser until it reaches the surface of the liquid within
the chamber. This forces a current which travels around the conical
partition in both directions, as indicated by the numbers 102 and 104.
As these currents meet on the opposite side of the partition, the
intersection of the outer currents causes a downwardly flowing